TITLE 25, NEBRASKA ADMINISTRATIVE CODE, CHAPTER 7 NEBRASKA DEPARTMENT OF AGRICULTURE NEBRASKA SEED LAW REGULATIONS

January, 2005 Amendment

TITLE 25 - NEBRASKA DEPARTMENT OF AGRICULTURE

CHAPTER 7 - NEBRASKA SEED LAW REGULATIONS

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LAST DATE AMENDED: April 5, 1996

- TITLE 25 DEPARTMENT OF AGRICULTURE, BUREAU OF PLANT INDUSTRY
- Chapter 7 NEBRASKA SEED LAW REGULATIONS
- <u>001 Other Crop Seeds.</u> Different varieties of the same kind of seed, when present in quantities of less than five percent, will be considered as "other crop seed."
- O02 Grower Declaration. No agricultural, vegetable, or flower seed which is incapable of being identified by common seed characteristic or which is incorrectly represented as to kind, variety or origin may be sold unless said seed is accompanied by invoice, grower's declaration or suitable labeling information which will insure the identity to be stated. The grower's declaration, if used, shall be of a form to show the above information.
- <u>003 Label Requirements.</u> All required labels shall be so attached to be clearly discernable, and securely fastened to the container or printed directly thereon, provided however, labels may be used for labeling if they are securely attached to the bag, box or container and when in place, are visible.
 - $\underline{003.01}$ Label forms for agricultural, vegetable, and flower seed.
 - 003.01A The form of label for agricultural seeds,
 including lawn and turf seeds, shall show the
 necessary information as stated in the Nebraska Seed
 Law, such as:

Name of labeler Address Lot No. Variety (or variety not stated) or hybrid Kind Pure Seed % Crop Seed % Inert Matter % Coating material % (for seeds that are coated) Weed Seed % Germination % Hard Seed % (for legumes and may be shown if present) Dormant Seed % (may be shown if present) Total Germ & Dormant Seed % (may be shown if present) Total Germ & Hard Seed % (for legumes and may be shown if present) Name and rate of occurrence of restricted noxious weed seed per pound TZ Viability % (used only for grasses listed in section 81-2,147.02(2)(i)Date tested or date of expiration (for lawn and turf seed) Date inoculant expires (use only on pre-inoculated legumes) Origin Pure Live Seed (PLS) %

 $\underline{003.01B}$ The form of label for vegetable seeds shall show the necessary information as stated in the Nebraska Seed Law, such as:

Name of labeler Address Lot number Variety Kind Packed for (year) Germination % (for seeds that germinate less than the standard and for those seeds packaged in containers other than prepared for home use) Hard Seed % (if present for seeds that germinate less than the standard and for those seeds packaged in containers other than prepared for home use) Date tested (for seeds that germinate less than the standard and for those seeds packaged in containers other than prepared for home use)

The words "Below Standard" (for seeds that germinate less than the standard)
Minimum number of seeds (for seeds placed in a medium, mat, tape, or other device)
Name and rate of occurrence of restricted noxious weed seed

 $\underline{003.01C}$ The form of label for flower seeds and wildflower seeds shall show the necessary information as stated in the Nebraska Seed Law, such as:

<u>003.01C(1)</u> Label information for all flower seeds and wildflower seeds.

Name of labeler
Address
Kind
Variety or statement of type and
performance characteristics
Packed for (year)
Germination % (for seeds that germinate
less than the standard)
The words "Below Standard" (for seeds that
germinate less than the standard)
Minimum number of seeds (for seeds placed
in a medium, mat, tape, or other device)

003.01C(2) Additional label information
required for seeds in containers other than
packets for home use:

Pure seed %
Lot number
Weed seed %
Name and rate of occurrence of restricted
noxious weed seed
Test date
Germination %
Hard seed % (if present)

<u>003.02</u> All agricultural, vegetable, or flower seed which has been treated with any substance which is harmful in the quantity remaining in the seed after treatment, to humans or to vertebrate animals, shall be labeled or tagged with a caution statement in eight point type or larger in the following manner:

CAUTION -- TREATED SEED DO NOT USE FOR FOOD, FEED OR OIL PURPOSES

- $\underline{003.03}$ All agricultural and vegetable seed treated with mercurial or similarly toxic substance, shall include in red letters on a background of distinctly contrasting color a statement, such as "This seed has been treated with POISON," "Treated with POISON," "POISON treated," or "POISON." The word "POISON," shall appear in type no smaller than eight-point type, and shall bear a skull and crossbones. Substances considered similar in toxicity to mercurials shall be those with an oral LD_50 up to and including 50 mg/kg, an inhalation LD_50 up to and including .2 mg/liter, or a dermal LD_50 up to and including 200 mg/kg.
- $\underline{003.04}$ The caution and process statements may be placed upon the kind, variety and germination tag or upon the manufacturer's tag if adequate space permits. All labeling and tags required to contain the caution and process information of this paragraph shall be approved as to form and content by the Department and copies of the Department approval shall be available at all times to inspectors upon request.
- $\underline{003.05}$ Disclaimers, nonwarranties or limited warranties may be printed or stenciled to all tags, labels, invoices or other required labeling provided they do not represent direct or indirect modifications or denials of caution and process statements and provided further that they do not render the required information thereon difficult to read by overprint, crowding or print style which distracts from the required labeling information.
- 003.06 The requirements of section 81-2,147.02(7)(a)(i) and (8)(a) of the Nebraska Seed Law which specify that flower seeds shall be labeled with the name of the kind and variety or a statement of type and performance characteristics as prescribed in these regulations shall be met as follows:
 - <u>003.06A</u> Seeds of plants grown primarily for their blooms shall be labeled as follows:
 - 003.06A(1) Seeds of a single named variety
 shall be labeled by the kind and variety, for
 example "Marigold, Butterball."

003.06A(2) Seeds of a single type and color
for which there is no specific variety name
shall be labeled by the type of plant and, if
significant, the type and color of bloom, for
example "Scabiosa, Tall, Large Flowered,
Double, Pink."

003.06A(3) Seeds of an assortment or mixture
of colors or varieties of a single kind shall
be labeled by the kind name and the type of
plant and, if significant, by the type or types
of bloom. In addition, it shall be clearly
labeled as either mixed or assorted, for
example "Marigold, Dwarf Double French, Mixed
Colors."

<u>003.06B</u> Seeds consisting of an assortment or mixture of kinds or kinds and varieties shall be clearly labeled that the seed is assorted or mixed and the specific use of the assortment or mixture shall be indicated, for example "Cut Flower Mixture," or "Rock Garden Mixture." Such statements as "General Purpose Mixture" or "Wonder Mixture" or any other statement which fails to indicate the specific use of the seed shall not be considered as meeting the requirements of this provision.

<u>003.06C</u> Containers that have more than 3 grams of seed shall list the kind or kind and variety of each component that is more than 5.0% of the total content by weight in the order of its predominance and shall list the percentage by weight of each component. Components of 5.0% or less shall be listed, but need not be in order of predominance. A single percentage, by weight, shall be given for these components. If no component of a mixture is more than 5% of the total content, the statement "No component in excess of 5%" may be used. Containers that have 3 grams of seed or less shall list the components without giving the percentage by weight. Such listing need not be in order of predominance.

003.07 The kinds of flower seeds listed in 004.02 are those for which standard testing procedures have been prescribed and which are required to be labeled in accordance with the germination labeling provisions of section 81-2,147.02(7)(b) and (8)(h) of the Nebraska Seed Law and these regulations.

004 Germination Standards for Vegetable and Flower Seeds.

 $\underline{004.01}$ The minimum allowable germination standards for vegetable or garden seeds, including hard seeds, as prescribed in section 81-2,147.02(5), shall be as follows:

<u>Kind</u>	<u>Percent</u>	<u>Kind</u>	Percent
Artichoke Asparagus	. 75 . 65 . 75 . 75 . 70 . 60 . 75	Dandelion Eggplant Endive Kale Kale Kale, Chinese Kohlrabi Leak Lettuce Muskmelon Mustard, India Mustard, spinach Okra Onion Onion, Welsh Pak-choi Parsley Parsnip	75 75 75 60
Collards Corn, sweet Cornsalad Cowpea Cress, garden	. 75 . 55 . 55 . 65 . 65 . 75 . 50 . 65 . 80 . 75 . 70 . 75 . 70 . 75 . 60 . 40	Pea	75 75 50

 $\underline{004.02}$ The minimum allowable germination standards for flower seeds, as prescribed in section 81-2,147.02(7) and (8) shall be as listed below. For the kinds of seeds marked with an asterisk (*), the percentage is the total of percentage germination and percentage of hard or

dormant seed. A mixture of kinds of flower seeds shall be considered to be below standard if the germination of any kind or combination of kinds that constitutes twenty-five percent (25%) or more of the mixture, by number, is below standard for the kind or kinds involved.

<u>Kind</u>		Perc	entage
Achillea (The Pearl) - Achillea ptarmica . Adams needle - Yucca filamentosa African daisy - Dimorphoteca aurantiaca . African lilac daisy - Arctotis stoechadifo African violet - Saintpaulia species Ageratum - Ageratum mexicanum Agrostemma (rose campion) - Agrostemma con Alyssum - Alyssum compactum, A. maritimum, A. procumbens, A. saxatile Amaranthus - Amaranthus species Anagalis (pimpernel) - Anagalis arvensis, Anagalis coerulia, Anagalis grandiflora	olia conari		50 50 55 50 30 60 65
Anchusa - Two genera species: Cape bugloss - Anchusa capensis Italian bugloss - Anchusa azura Forget-me-not - Brunnera macrophylla Anemone - Anemone coronaria, A. pulsatilla Angel's trumpet - Datura arborea Arabis - Arabis alpina Arctotis (African lilac daisy) - Arctotis Armeria - Armeria formosa Asparagus, fern - Asparagus plumosus Asparagus, sprenger - As paragus sprengeri Aster, China - Callistephus chinensis; exc pompom, Powderpuff, and Princess types . Aubrieta - Aubrieta deltoides Baby smilax - Asparagus asparagoides Balloonvine - Cardiospermum halicacebum . Balsam - Impatiens balsamina Beach evening primrose - Camissonia	grand		55 60 60 45 55 55 55 45 25 50
cheiranthifolia (oenothera cheiranthifol Begonia - (Begonia fibrous rooted) Begonia - (Begonia tuberous rooted) Bells of Ireland - Molucella laevis Bellflower (Bluebells of Scotland) -			60 50
Campanula rotundifolia			50 50 50 60
Buttercup - Ranunculus species			50

Butterfly milkweed - Asclepias tuberosa 50 Cactus - Cactaceae
C. elegans
Canterbury bells - Campanula medium 60 Cup and saucer bellflower - Campanula medium
calycanthema
umbellata
sempervirens
Basket flower - Centaurea americana Cornflower - C. cyanus Dusty Miller - C. Candidissima Royal centaurea - C. imperialis Sweet sultan - C. moschata
Velvet centaurea - C. gymnocarpa 60 Cerastium (snow-in-summer) Cerastium biebersteini
and C. tomentosum 65
Chinese forget-me-not - Cynoglossum amabile 55
Chinese Houses - Collinsia heterophylla 50 Chrysanthemum, annual - Chrysanthemum carinatum,
C. coronarium, C. segetum 40
Cineraria - Senecio cruentus 60
Clarkia - Clarkia elegans
Cleome - Cleome gigantea
Coleus - Coleus blumei
Columbine - Aguilegia species 50
Coral bells - Heuchera sanguinea
Coreopsis, perennial - Coreopsis lanceolata 40
Corn, ornamental - Zea mays
Cosmos:
Sensation, mammoth, and crested types - Cosmos bipinnatus Klondyke type - C. sulphureus 65
Cosmos bipinnatus Klondyke type - C. sulphureus 65 Crossandra - Crossandra infundibuliformis 50
Cyclamen - Cyclamen africanum 50
Dahlia - Dahlia species

Dames rocket - Hesperis matronalis	
Daylily - Hemerocallis species	45
Delphinium, perennial:	
Belladonna and bellamosum types	
Cardinal larkspur - Delphinium cardinale	
Chinensis types	
Pacific giant, gold medal and other hybrids	
of D. elatum	55
Devils claws - Probosicidea louisianica	50
Dianthus:	
Carnation - Dianthus caryophyllus	60
China pinks - Dianthus chinensis, heddewigi,	
heddensis	70
Grass pinks - Dianthus plumarius	60
Maiden pinks - Dianthus deltoides	60
Sweet William - Dianthus barbatus	70
Sweet Wivelsfield - Dianthus allwoodi	60
Didiscus - (blue lace flower) - Didiscus coerulea	65
Dittany - Dictamus albus	50
Doronicum (leopard's bane) - Doronicum caucasicum	60
Dracaena - Dracaena indivisa	55
Dragon tree - Dracaena draco	40
Edelweiss - Leontopodium alpinum	50
English daisy - Bellis perennis	55
Euphorbia, painted - Euphorbia heterophylla	
Evening primrose - Oenothera biennis;	
O. argillicola	50
Everlasting pea - Lathyrus latifolius	
Flame violet - Episcia species	50
Flax:	
Golden flax, Linum flavum	
Flowering flax, L. grandiflorum	
Perennial flax, L. perenne	60
Fleece flower - Polygonum capitatum	50
Flowering maple - Abutilon species	35
Foxglove - Digitalis species	60
Fuschia - Fuschia species	50
Gaillardia:	00
Annual - Gaillardia pulchella, G. picta	
Perennial - G. grandiflora	45
Caenlant - Dietamue albue	50
Gasplant - Distamus albus	50
Cazania miod - Cazania rigons	50
Gazania, pied - Gazania rigens	50
Geranium - Geranium species	
Gerbera (transvaal daisy) - Gerbera jamesoni	60
German violet - Exacum affine	50
Geum - Geum species	55
Gladialus Gladialus aparita	65 E 0
Claba amagenth Comphysia 21-1	50
Globe amaranth - Gomphrena globosa	50

Globethistle, small - Echinops ritro		50
Gloriosa daisy (rudbeckia) - Echinacea purpurea		
and Rudbeckia hirta		60
Gloxinia - Sinningia speciosa		40
Godetia - Godetia amoena, G. grandiflora		65
Goldmoss sedum - Sedum acre		50
Gourds:		
Yellow flowered - Cucurbita pepo		
White flowered - Lagenaria sisceraria		
Dishcloth - Luffa cyllindrica	•	70
Gypsophila:		
Annual baby's breath - Gypsophila elegans		
Perennial baby's breath - G. paniculata,		
G. pacifica, G. repens	•	70
Helenium - Helenium autumnale	•	40
Helichrysum (strawflower) - Helichrysum		
bracteatum	•	60
Heliopsis - Heliopsis scabra		55
Heliotrope - Heliotropium species		35
Helipterum (acroclinium) - Helipterum roseum	•	60
Hens and chickens - Sempervivum species	•	50
Herb treemallow - Lavatera trimestris	•	50
Hesperis (sweet rocket) - Hesperis matronalis		65
Hibiscus - Hibiscus species	•	60
*Hollyhock - Althea rosea	•	65
Hunnemania (Mexican tulip poppy) - Hunnemania		60
fumariaefolia	•	70
Impatiens - Impatiens holstii, I. sultani	•	55
*Ipomea:	•	55
Cypress vine - Ipomea guamoclit		
Moonflower - I. noctiflora		
Morning glories, cardinal climber, hearts and		
honey vine - Ipomea species		75
Japanese Iris - Iris kaempferi	•	50
Jasmine primrose - Oenothera pallida	•	50
Jerusalem cross (maltese cross) - Lychnis	•	00
chalcedonica		70
Job's tears - Coix lacrymajobi	•	70
Jupiter's beard - Centranthus ruber	•	50
Kalanchoe - Kalanchoe blossfeldiana		50
Kochia - Kochia childsi		55
Larkspur, annual - Delphinium ajacis		60
Lamb's ear - Stachys byzantina		50
Lantana - Lantana camara, L. hybrida		35
Lemon mint - Monarda citriodora		50
Lilium (regal lily) - Lilium regale		50
Linaria - Linaria species		65
Livingstone daisy (iceplant) - Dorotheanthus	-	
belliformis		50

Lobelia, annual - Lobelia erinus		•	65
Lunaria, annual - Lunaria annua			65
*Lupine - Lupinus species			65
Maltese cross - Lychnis coronaria			50
Marigold - Tagetes species			65
Marvel of Peru (four o'clock) - Marabilis jala	apa		60
Matricaria (feverfew) - Matricaria species			60
Mignonette - Reseda odorata		·	
Mignonette - Reseda odorata	•	•	50
Mullein pink - Lynchnis coronaria	•	•	50
Myosotis - Myosotis alpestris, M. oblongata,		•	50
M nalustrie			50
M. palustris	•	•	60
Nasculcium - Hopaeolum Species	•	•	65
Nemesia - Nemesia species	•	•	70
Nemophila - Nemophila Insights	•	•	
Nemophila, spotted - Nemophila maculata	•	•	60
New England aster - Aster novae-angliae	•	•	50
Nicotiana - Nicotiana affinis, N. sanderae,			6.5
N. sylvestris	•	•	65
Nierembergia - Nierembergia species	•	•	55
Nigella - Nigella damascena	•	•	55
Oregon fleabane - Erigeron speciosus	•	•	50
Ozark sundrops - (Oenothera macrocarpa, Oenoth	ner	а	
missouriensis)		•	50
Pansy - Viola tricolor		•	60
Pearlwort - Sagina sabulata			50
Pearly everlasting - Anaphalis margaritacea .			50
Penstemon - Penstemon barbatus, P. grandifloru	ıs,		
P. laevigatus, P. pubescens			60
Peppermint - Mentha piperita			50
Periwinkle - Catharanthus roseus			50
Petunia - Petunia species			45
Phacelia - Phacelia campanularia, P. minor,			
P. tanacetifolia			65
Phlox, annual - Phlox drummondi all types			
and varieties			55
and varieties			60
Platycodon (balloon flower) - Platycodon			
grandiflorum			60
Plumbago, cape - Plumbago capensis		·	50
Polka-dot plant - Hypoestes phyllostachya	•	•	50
Ponytail - Beaucarnea recurvata	•	•	40
Poppy:	•	•	40
Shirley poppy - Papaver rhoeas			
Iceland poppy - P. nudicaule			
Orientale poppy - P. orientale			60
Tulip poppy - P. glaucum	•	•	60
Portulaca - Portulaca grandiflora			55
Prairie coneflower - Ratibida columnifera			50
Prairie gentian - Eustoma grandiflorum			50

Primula (primrose) - Primula species	. 50
Purple coneflower - Echinacea purpurea	
Pyrethrum (painted daisy) - Pyrethrum coccineum	
Rock rose - Helianthemum nummularium	. 50
Rose champion - Lynchnis coronaria	. 50
Salpiglossis - Salpiglossis gloxinaeflora,	
S. sinuata	. 60
Salvia:	
Scarlet sage - Salvia splendens	
Mealycup sage (blue bedder) - Salvia farinacea	. 50
Saponaria - Saponaria ocymoides, S. vaccaria	
Scabiosa, annual - Scabiosa atropurpurea	
Scabiosa, perennial - Scabiosa caucasica	. 40
Scabiganthus Cabiganthus aposios	. 60
Schizanthus - Schizanthus species	. 65
*Sensitive plant (mimosa) - Mimosa pudica	. 63
Shasta daisy - Chrysantheumum maximum,	<i>C</i> F
C. leucanthemum	. 65
Silk oak - Grevillea robusta	. 25
Snapdragon - Antirrhinum species	55
Snow-on-the-mountain - Euphorbia marginata	. 50
Solanum - Solanum species	. 60
Speedwell, Hungarian - Veronica austriaca	
Speedwell, spike - Veronica spicata	
Spiderflower - Cleome hasslerana	50
Statice - Statice sinuata, S. suworonii	
(flower heads)	. 50
Stocks:	
Common - Mathiola incana	
Evening scented, Mathiola bicornis	. 65
Sunflower - Helianthus species	. 70
Sunflower - Helianthus species	. 50
Sunrose - Helianthemum species	. 30
Swan river daisy - Brachycome iberidifolia	. 50
*Sweet pea, annual and perennial other than	• 00
dwarf bush - Lathyrus odoratus, L. latifolius	. 75
*Sweet pea, dwarf bush - Lathyrus odoratus	
Sweet sultan - Amberboa moschata	. 50
Sweet William catchfly - Silene armeria	. 50
Tahoka daisy - Machaeanthera tanacetifolia	. 60
Tansy - Tanacetum vulgare	. 50
Texas bluebonnet - Lupdinus subcarnosus	. 50
Thunbergia - Thunbergia alata	. 60
Tidy tips daisy - Layia platyglossa	
Tiger monkeyflower - Mimulus hybrids	. 50
Torch flower - Tithonia speciosa	. 50
	. 50
Torenia (wishbone flower) - Torenia fournieri .	. 50 . 70
Torenia (wishbone flower) - Torenia fournieri . Transvaal daisy - Gerbera jamesoni	. 50 . 70 . 70
Torenia (wishbone flower) - Torenia fournieri . Transvaal daisy - Gerbera jamesoni Tritoma (torch lily) - Kniphofia species	. 50 . 70 . 70 . 50
Torenia (wishbone flower) - Torenia fournieri . Transvaal daisy - Gerbera jamesoni	. 50 . 70 . 70

Vinca - Vinca rosea	60
Viola - Viola cornuta	55
Virginian stocks - Malcolmia maritime	65
Wallflower - Cheiranthus allioni;	
Erysimum x allionii	65
Willowleaf oxeye - Buphtalmum salicifolium	50
Wooly marigold - Baileya multiradiata	
Yarrow - Achillea millefolium	
Yucca (Adam's needle) - Yucca filamentosa	
Zinnia (except Linearis and creeping) -	
Zinnia angustifolia, Z. elegans, Z. grandiflora,	
Z. gracillima, Z. haegeana, Z. multiflora,	
Z. pumila	65
Zinnia, Linearis and creeping - Zinnia Linearis,	
San vitalia procumbens	50
All other kinds	50

005 Time Period for Germination Tests.

005.01 New germination tests on all agricultural, vegetable, or flower seed shall be obtained on carry-over seed each nine months, except for those seeds as listed in 005.02 which shall be tested each twelve months, and hermetically sealed seed which shall be retested for germination after thirty-six months. For purpose of enforcement of this regulation, the date of the germination test on the label or tag shall be binding upon any person in possession of agricultural or vegetable seed. Following retesting, all seed shall be relabeled to reflect the new germination tests of the seed. The following information shall appear on a label for relabeling seeds in their original containers: (a) the calendar month and year the test was completed to determine such percentage; (b) the same lot designation as on the original labels; (c) the identity of the labeling person if such person is different from the original labeler.

 $\underline{005.02}$ The following kinds of agricultural seed may be sold within a 12-month period, exclusive of the calendar month in which the germination test was completed as prescribed in section 81-2,147.02(1) (a):

Bluestem, Big	Fescue, Hard	Wheatgrass, Beardless
Bluestem, Little	Fescue, Sheep	Wheatgrass, Crested
Bluestem, Sand	Grama, Blue	Wheatgrass,
Bluestem, Yellow	Grama, Sideoats	Intermediate
Buffalograss	Indiangrass	Wheatgrass, Pubescent
Bluegrass, Kentucky	Lovegrass, Sand	Wheatgrass, Slender
Bentgrass, Colonial	Needlegrass, Green	Wheatgrass,
Bentgrass, Creeping	Orchardgrass	Streambank
Brome, Smooth	Ryegrass, Annual	Wheatgrass, Tall
Dropseed, Sand	Ryegrass, Perennial	Wheatgrass,
Fescue, Red	Sandreed, Prairie	Thickspike
Fescue, Tall	Switchgrass	Wheatgrass, Western
Fescue, Chewings	Timothy	Wildrye, Canada

 $\underline{005.03}$ For agricultural and vegetable seeds labeled, packaged, and sold in hermetically sealed containers, the 9-month or 12-month limitation of date of test in section 81-2,147.03(1) (a) is extended. The germination test for agricultural and vegetable seeds labeled, packaged, and sold in hermetically sealed containers shall have been completed within a 36-month period exclusive of the calendar month in which the test was completed, if the following conditions are met:

005.03A The seed was packaged within nine months
after harvest;

005.03B The container used does not allow water vapor penetration through any wall, including the seals, greater than 0.05 grams of water per 24 hours per 100 square inches of surface at 100 degrees F. with a relative humidity on one side of 90 percent and one the other side of 0.00 percent. Water vapor penetration or WVP is measured by the standards of the National Institute of Standards and Technology as:

WVP = gm. $H_2O/24$ hr/100 sq. in/100°F/90% RH V.0% RH

 $\underline{005.03C}$ The seed in the container used does not exceed the percentage of moisture, on a wet weight basis, as listed below:

005.03C(1) Agricultural Seeds.

Kind	Percent
Beet, field	7.5
Beet, sugar	7.5
Bluegrass, Kentucky	6.0

Clover, crimson	8.0
Fescue, red	8.0
Ryegrass, annual	8.0
Ryegrass, perennial	8.0
All others	6.0
Mixtures of the above	8.0

005.03C(2) Vegetable Seeds.

Kind	Percent	<u>Kind</u>	Percent
Bean, garden Bean, lima Beet Broccoli Brussell Sprouts Cabbage Carrot Cauliflower Celeriac Celery Chard, Swiss Chinese Cabbage Chives Collards	7.0 7.0 7.5 5.0	Kind Leek Lettuce Muskmelon Mustard, India Onion Onion, Welsh Parsley Parsnip Pea Pepper Pumpkin Radish Rutabaga Spinach	Percent 6.5 5.5 6.0 5.0 6.5 6.5 6.0 7.0 4.5 6.0 5.0 8.0
Corn, sweet	8.0	Squash	6.0
Corn, sweet	8.0	Squash	6.0
Cucumber Eggplant	6.0 6.0	Tomato Turnip	5.5 5.0
Kale Kohlrabi	5.0 5.0	Watermelon All others	6.5 6.0
NOMITTANT	J • U	ATT OCHETS	0.0

005.03D The container is conspicuously labeled in not less than eight-point type to indicate:

 $\underline{005.03D(1)}$ That the seed is hermetically sealed;

005.03D(2) That the seed has been
preconditioned as to moisture content; and

005.03D(3) The calendar month and year in which the germination test was completed as well as all labeling information required in section 81-2,147.02 of the Nebraska Seed Law.

 $\underline{005.03E}$ The percentage of germination of seed at the time of packaging was equal to or above the standards specified elsewhere in the law;

- $\underline{005.03F}$ Adequate records are kept, giving the percent moisture of the seed at the time of packaging; and
- $\underline{005.03G}$ Hermetically sealed seed is not repackaged and relabeled as hermetically sealed seed unless it meets all conditions for seeds packaged in hermetically sealed containers including 005.03A above.
- <u>006 Enforcement Orders.</u> Three enforcement orders to be used in administering the provisions of the law and this rule shall be stop sale orders, relabel to comply orders, and minor violation warning orders. A description of the utilization of each order follows:
 - $\underline{006.01}$ Stop sale orders shall be issued with respect to the following:
 - <u>006.01A</u> Products found to be outside of tolerance with respect to germination.
 - $\underline{006.01B}$ Products found to be outside of tolerance with respect to weed seed and Nebraska noxious weed seed.
 - <u>006.01C</u> Products found to be double or more out of tolerance with respect to pure seed, crop seed, inert matter, or coating material.
 - <u>006.01D</u> Products found to bear an expired test date, date of expiration, sell by, or year packed for date.
 - $\underline{006.01E}$ Products found to be outside of tolerance with respect to Pure Live Seed (PLS).
 - 006.01F Products labeled by a person in violation of, not labeled in accordance with, or products causing any person to be in violation of the Nebraska Seed Law.
 - $\underline{006.02}$ Relabel to comply orders shall be issued with respect to the following:
 - <u>006.02A</u> All products found to be in violation of the labeling provisions of the law, so long as the labeling violations are the only violations found, and so long as the labeling violations are not of a type having an affect on the quality of the seed; or

- <u>006.02B</u> Products found to be less than double out of tolerance but more than one-half of one percent out of tolerance with respect to pure seed, crop seed, inert matter, or coating material.
- <u>006.03</u> Minor violation warning orders shall be issued with respect to products found to be less than or equal to one-half of one percent out of tolerance with respect to purity, crop seed, inert matter, or coating material.
- $\underline{006.04}$ A stop sale order shall mean that the products covered thereby cannot be sold until the order has been officially released. A stop sale order may be released on all agricultural, vegetable, and flower seed upon compliance with the terms of the act. The director may issue a release from a stop sale order when satisfied that:
 - $\underline{006.04A}$ The seed has been relabeled to comply with official test findings and a copy of the new label or tag has been furnished the Department, or
 - $\underline{006.04B}$ The seed has been reconditioned, an official sample taken, a new official test completed, and labeled with the new official test results, or
 - $\underline{006.04C}$ The seed has been returned to the supplier marked, "NOT FOR SALE" or similarly identified as not available to any purchaser by sale, trade, or exchange.
- $\underline{006.05}$ A relabel to comply order shall specify the relabeling required within 14 days of such order, unless an extension of time is sought and obtained from the Department for good cause shown.
- <u>006.06</u> A minor violation warning order shall not require any specific actions to be taken, but shall constitute notice of deficiencies needing future corrective actions.
- 007 Bulk Labeling Requirements. When agricultural, vegetable, or flower seed is sold in bulk or sold from bulk bins or containers, the seller may supply the purchaser with a printed or written statement in lieu of the attached label or tag. In addition, the printed or written statement shall contain all the required labeling information and caution or process statements required by the Nebraska Seed Law and these

regulations promulgated thereunder. In such cases, the seller's liability for labeling and tagging shall cease upon delivery of the seed and written statement.

- 008 Adopt Rules for Testing Seeds. The official methods and tolerances adopted by the Association of Official Seed Analysts, entitled "Rules for Testing Seeds, "which includes the Seedling Evaluation Handbook and the Uniform Classification of Weed and Crop Seeds and the methods of inspecting, handling and sampling of all seeds as published by the Association of American Seed Control Officials in the Handbook for Seed Inspectors, provided such publications are not in conflict with the Nebraska Seed Law, shall be the official methods and tolerances of the Nebraska Department of Agriculture for the methods of inspecting, handling and sampling all seeds, the methods of examining, analyzing and testing seed samples in the laboratory and the methods of computing tolerances of purity analyses, germination tests, tetrazolium (TZ) test, and Pure Live Seed (PLS) and rates of occurrence of noxious weed seeds. Section 5.5 of the Rules for Testing Seeds shall be utilized when computing tolerances for percentages of Pure Live Seed (PLS) and tetrazolium (TZ). A copy of these publications are attached hereto as Appendix A and incorporated herein by reference and are hereby adopted and promulgated and may be used.
- 009 Noxious Weed Seed Labeling. In all sampling conducted by the laboratory, the official report shall include the seed of globe-podded hoary cress (Hymenophysa pubescens), lens-podded hoary cress (Lepidium draba var. repens), all bursage (Ambrosia species), and all morning glory (Ipomea species when found in field crop seed) within the definition of prohibited noxious weed seed and the classification shall be as prohibited noxious weed seed. In addition, the following interpretation shall be used:
 - $\underline{009.01}$ The term "dodder" (Cuscuta spp.) shall be interpreted as seed of all species of dodder, when found in agricultural seeds.
 - <u>009.02</u> The term "wild mustard" (Brassica spp.) shall be interpreted as Indian mustard (Brassica Juncea), Charlock (Brassica arvensis), black mustard (Brassica nigra), bird rape (Brassica campestris) and all other members of the wild mustard (Brassica) species when occurring incidentally in agricultural seeds.
 - 009.03 The term "dock" (Rumex spp.) shall be interpreted as curled dock (Rumex crispus), smoothleaf dock (Rumex altissimus), winged dock (Rumex venosus), red sorrel

- (Rumex acetocells), and seed of all other members of the dock (Rumex), species which may incidentally occur in agricultural seeds.
- <u>010 Testing Categories and Fees.</u> Service testing categories and fees are as follows:
 - 010.01 Seed Species by Category.
 - <u>010.01A</u> Category 1: Barley, Flax, Oats, Rye, Sorghum, Sudangrass, Sunflower, Triticale, Wheat, Buckwheat, and Spelt
 - $\underline{010.01B}$ Category 2: Field Beans (Dry Edible), Soybeans
 - 010.01C Category 3: Field Corn, Popcorn
 - <u>010.01D</u> Category 4: Alfalfa, Clovers, Crownvetch, Field Peas, Rape (Canola), Trefoil
 - 010.01E Category 5: Lespedeza, Millet, Vetch,
 Crambe, Safflower
 - <u>010.01F</u> Category 6: Alkali Sacaton, Bentgrass, Bluegrass, Fescues, Orchardgrass, Redtop, Reed Canarygrass, Ryegrass, Timothy, Whitetop
 - 010.01G Category 7: Meadow Brome, Wheatgrass spp.
 (except Western), Wildrye spp., Smooth Brome
 - <u>010.01H</u> Category 8: Buffalograss, Green Needlegrass, Indian Ricegrass, Prairie Dropseed, Sand Dropseed, Sand Lovegrass, Switchgrass, Western Wheatgrass, Sugar Beets, Eastern Gamagrass
 - <u>010.01I</u> Category 9: Blue Grama, Cordgrass, Prairie Sandreed, Foxtail spp., Side-Oats Grama
 - 010.01J Category 10^d: Bluestem spp., Indiangrass
 - 010.01K Category 11: Tree and Shrubs, Flowers,
 Wildflowers, Native Forbs, Weeds
 - 010.01L Category 12: Vegetables and Herbs
 - 010.02 Testing fees for categories are as follows:

Category		<u>Purity</u> ª	<u>Ger</u>	rmination ^a		braska oxiousª	Co	mpleteª		razolium TZ) ^{a b}
1 2 3 4 5 6 7 8 9 10 11 12	ら ら ら ら ら ら ら ら ら ら ら ら	9.00 8.00 8.00 11.00 11.00 12.00 15.00 16.00 36.00 67.00 25/hr.	\tau \tau \tau \tau \tau \tau \tau \tau	14.00 15.00	\tau \tau \tau \tau \tau \tau \tau \tau	4.00 4.00 7.00 7.00		24.00 30.00 30.00 35.00 38.00	らって まままま まままま ままま ままま ままま ままま ままま ままま ままま	22.00 22.00 22.00 23.00 23.00 26.00 26.00 30.00 30.00 30.00 25/hr. 23.00
	+ Germination				n					

- In lieu of the above, all mixtures will be charged at the rate of \$25.00 for each hour for any separation including purity, Nebraska noxious weed, or both, plus the germination, TZ or both, cost for each kind. In addition to the above, when samples contain excess foreign material, or are difficult, a charge of \$25.00 for each hour will be made for the extra examination time required if samples are accepted by the lab for testing.
- b Includes Preliminary Report by fax or mail.
- Germination tests of Green Needlegrass only = \$35 for each sample.

<u>010.03</u> Other tests, fees, and requests, as explained below are as follows:

010.03A Rush. Samples submitted for analysis are normally tested in the order in which they are received. The request for a Rush Test will give that sample first testing priority ahead of other samples received previously except other rush test samples. Extra cost per sample: When regular charge is \$20.00 or less, add \$5.00. When regular charge is over \$20.00, but less than \$40.00, add \$7.00. When regular charge is \$40.00 or more, add one-fourth (25%) of the regular sample charge.

<u>010.03C</u> Cold Test (Corn, Soybeans) - Standard germination not included. Cost: \$15.00.

010.03D Stress Test (Accelerated Aging) - for carryover seed, includes standard germination test. Cost: \$30.00. (Complete plus Stress Test: \$38.00).

 $\underline{010.03E}$ All States Noxious Weed Examination. Cost: \$5.00 plus Nebraska noxious weed price. (Excessively weedy samples - \$25 for each hour.)

010.03F Seed Count (Cereals, Soybeans). Cost: \$6.00
per sample examined.

010.03G Special Tests. Sweetclover Species Purity
Test, Corn Fast Green Test, Soybean Hypochlorite Soak
Test, and Cut/Fill Test. Cost: \$25 for each hour.

 $\underline{010.03H}$ Weed Examinations for other countries. Cost: \$25 for each hour.

 $\underline{010.03I}$ Sand Test. Cost: Germination Price plus \$4.00 for each sample.

<u>010.03J</u> International Seed Testing Association or Canadian Rules Tests. Cost \$25 for each hour.

010.03K Moisture Test. Cost: \$4.00 for each sample.

Oll Labeling of Seeds as Percentage of Pure Live Seed. The following kinds of agricultural seed may be labeled as to the percentage of Pure Live Seed (PLS) as prescribed in section 81-2,147.02(9):

Bluestem, Big
Bluestem, Little
Bluestem, Sand
Bluestem, Yellow
Dropseed, Sand
Buffalograss
Grama, Blue
Grama, Sideoats
Indiangrass
Lovegrass, Sand
Needlegrass, Green
Ricegrass, Indian

Sandreed, Prairie
Switchgrass
Wheatgrass, Crested
Wheatgrass, Beardless
Wheatgrass, var. Intermediate or
var. Pubescent
Wheatgrass, Slender
Wheatgrass, Streambank
Wheatgrass, Tall
Wheatgrass, Thickspike
Wheatgrass, Western

<u>012 Seeds Labeled Variety Not Stated.</u> The following kinds of agricultural seeds are generally labeled as to variety and shall be labeled to show the variety name or the words "Variety Not Stated," or "VNS":

Alfalfa Bahiagrass Barley Bean, field Beet, field Brome, Smooth Broomcorn Clover, crimson Clover, red Clover, white Corn, field Corn, pop Cotton Cowpea Crambe Fescue, Tall Flax Lespedeza, striate Millet, foxtail Millet, Pearl

Millet, Proso Pea, field Peanut Rape Rice Rve Safflower Sorghum Sorghum-Sudangrass Hybrid Sovbean Sudangrass Sunflower Tobacco Trefoil, birdsfoot Triticale Wheat, common Wheat, durum

When two or more varieties are present in excess of five per cent (5%) and are named on the label, the names of each variety in excess of five percent (5%) shall be accompanied by the percentage of each.

013 Labeling of Kind or Kind and Variety of Seed. The name of a kind or kind and variety of seed and any descriptive terms pertaining thereto shall be correctly represented in any advertisement of seed.

O13.01 Name of Kind or Kind and Variety. The representation of the name of a kind or kind and variety of seed in any advertisement subject to the act shall be confined to the name of the kind or kind and variety determined in accordance with Section 81-2,147.01. The name shall not have associated therewith words or terms that create a misleading impression as to the history or characteristics of the kind or kind and variety. Descriptive terms and firm names may be used in kind or variety names; Provided, that the descriptive terms or firm names are a part of the name of the kind or variety of seed; for example, Stringless Green Pod, Detroit Dark Red, Black Seed Simpson and Henderson Bush Lima. Seed shall not be designated as hybrid seed in any

- advertisement subject to the act unless it comes within the definition of "Hybrid" in Section 81-2,147.01.
- O13.02 Characteristics of Kind or Variety. Terms descriptive as to color, shape, size, habit of growth, disease resistance, or other characteristics of the kind or variety, may be associated with the name of the kind or variety; provided, that it is done in a manner which clearly indicates the descriptive term is not part of the name of the kind or variety; for example, Oshkosh pepper (yellow), Copenhagen Market (round head) cabbage, and Kentucky Wonder pole bean.
- Ol3.03 Description of Quality and Origin. Terms descriptive of quality or origin and terms descriptive of the basis for representations made may be associated with the name of the kind or variety of seed; Provided, that the terms are clearly identified as being other than part of the name of the kind or variety; for example, Blue Tag Gem Barley, Idaho Origin Alfalfa, and Grower's Affidavit of Variety Atlas Sorghum.
- O13.04 Description of Manner of Production or Conditioning. Terms descriptive of the manner or method of production or conditioning the seed may be shown; for example, certified, registered, delinted, scarified, treated, and hulled, may be associated with the name of the kind or variety of seed, providing such terms are not misleading.
- Names. Brand names and terms taken from Kind and Variety Names. Brand names and terms taken from trademarks may be associated with name of the kind and variety or mixtures of kinds or blends of varieties of seed as an indication of source; Provided, that the terms are clearly indicated as being other than part of the name of the kind and variety, mixture or blend; for example, Valley Brand Blend 15 Alfalfa VNS, or River Brand Golden Cross Corn VNS. Seed shall not be advertised under a trademark or brand name in any manner that may create the impression that the trademark or brand name is a variety name.
- <u>014 Seed Allowing 4% Weed Seed.</u> The following kinds of agricultural seeds may not contain more than four percent (4%) by weight of weed seed of which not more than one-half of one percent ($\frac{1}{2}$ of 1%) may be restricted noxious weed seed as prescribed in section 81-2,147.03(1)(f). No mixture of any

such seed may qualify for this exemption unless the total pure seed by weight of the seeds listed in this section is greater than 50% of the total pure seed by weight:

Bluestem, Big Bluestem, Little Bluestem, Sand Bluestem, Yellow Grama, Blue Grama, Sideoats Indiangrass Sandreed, Prairie

015 Definition of Terms.

 $\underline{015.01}$ The definitions of terms contained in the Nebraska Seed Law shall apply to such terms when used in these regulations.

015.02 The definitions listed in the Official Definitions adopted and published by the Association of American Seed Control Officials attached hereto as Appendix B incorporated herein by reference, which do not conflict with the Nebraska Seed Law, shall apply to such terms when used in these regulations.

 $\underline{015.03}$ Nebraska noxious weed means weeds from primary noxious weed seeds, prohibited noxious weed seeds, and restricted noxious weed seeds.

015.04 Tolerance means on allowance that variation may reasonably be expected in results obtained from different laboratory analysis tests of the same lot of seed. Tolerances are applied when comparing one laboratory analysis test result with another or to a seed analysis label statement or claim. They are for the protection for the seed labeler and shall not be used to show higher quality on the label than is indicated by an actual laboratory test.

016 Administration. These regulations shall be administered by the Department of Agriculture's Bureau of Plant Industry, located in the State Office Building, Fourth Floor, 301 Centennial Mall South, Lincoln, Nebraska. The mailing address is P.O. Box 94756, Lincoln, Nebraska 68509-4756. The telephone number is (402) 471-2394.

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